

Chapter 4

CHASSISD System Log Messages

This chapter describes messages generated by the chassis process (chassisd), which controls hardware components on the router.

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CHASSISD_ARGUMENT_ERROR

System Log Message	CHASSISD_ARGUMENT_ERROR: Unknown option <i>option-letter</i>
Description	The indicated option was provided on the 'chassisd' command line and is invalid. The chassis process (chassisd) initialized but ignored the invalid option.
Type	Error: An error occurred
Severity	error
Action	Contact your technical support representative.

CHASSISD_BLOWERS_SPEED

System Log Message	CHASSISD_BLOWERS_SPEED: Fans and impellers are now running at normal speed
Description	The fans and impellers were running at the normal speed.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_BLOWERS_SPEED_FULL

System Log Message	CHASSISD_BLOWERS_SPEED_FULL: Fans and impellers being set to full speed [<i>reason</i>]
Description	The chassis process (chassisd) increased the speed of fans and impellers to the maximum for the indicated reason.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_CB_READ

System Log Message	CHASSISD_CB_READ: Error reading midplane ID EEPROM, errno <i>error-number</i>
Description	The chassis process (chassisd) could not read the EEPROM on the midplane.
Type	Error: An error occurred
Severity	error
Action	Contact your technical support representative.

CHASSISD_COMMAND_ACK_ERROR

System Log Message	CHASSISD_COMMAND_ACK_ERROR: <i>function-name : fru-type online ack code error-number - - error-message, fru-type fru-slot</i>
Description	The indicated error occurred when the indicated FRU sent a message to indicate it was online.
Type	Error: An error occurred
Severity	error
Action	Contact your technical support representative.

CHASSISD_COMMAND_ACK_SF_ERROR

System Log Message	CHASSISD_COMMAND_ACK_SF_ERROR: <i>function-name error - - error-message, code error-number, SFM sfm-plane, FPC fpc-slot</i>
Description	The chassis process (chassisd) requires an acknowledgment from each SFM before it registers an FPC as online. The acknowledgment message from the indicated SFM failed for the indicated FPC.
Type	Error: An error occurred
Severity	error
Action	Contact your technical support representative.

CHASSISD_CONCAT_MODE_ERROR

System Log Message	CHASSISD_CONCAT_MODE_ERROR: <i>Cannot set MLFR bundles for FPC fpc-slot PIC pic-slot</i>
Description	The chassis process (chassisd) could not set the PIC in the indicated slot of the indicated FPC to no-concatenate mode.
Type	Event: This message reports an event, not an error
Severity	warning

CHASSISD_CONFIG_INIT_ERROR

System Log Message	CHASSISD_CONFIG_INIT_ERROR: Problems with configuration file ' <i>configuration-file</i> '; using defaults
Description	The chassis process (chassisd) could not parse the indicated configuration file, and used default values while initializing.
Type	Error: An error occurred
Severity	error
Action	Contact your technical support representative.

CHASSISD_CONFIG_WARNING

System Log Message	CHASSISD_CONFIG_WARNING: <i>function-name</i> : <i>warning-message</i> , FPC <i>fpc-slot</i> PIC <i>fru-slot</i>
Description	The chassis process (chassisd) discovered that the configuration for the indicated PIC was invalid.
Type	Event: This message reports an event, not an error
Severity	warning

CHASSISD_EXISTS

System Log Message	CHASSISD_EXISTS: chassisd already running; exiting
Description	The chassis process (chassisd) exited because it discovered that another chassisd process was already running.
Type	Event: This message reports an event, not an error
Severity	error

CHASSISD_EXISTS_TERM_OTHER

System Log Message	CHASSISD_EXISTS_TERM_OTHER: Killing existing chassisd and exiting
Description	The chassis process (chassisd) discovered that another chassisd process was already running. It terminated the other process and exited.
Type	Event: This message reports an event, not an error
Severity	error

CHASSISD_FILE_OPEN

System Log Message	CHASSISD_FILE_OPEN: File open: <i>filename</i> , error: <i>error-number</i> - - <i>error-string</i>
Description	The chassis process (chassisd) failed to open a file for the indicated reason.
Type	Error: An error occurred
Severity	error

CHASSISD_FILE_STAT

System Log Message	CHASSISD_FILE_STAT: File stat: <i>filename</i> , error: <i>error-number</i> - - <i>error-string</i>
Description	The chassis process (chassisd) could not open the indicated file because it could not obtain its status.
Type	Error: An error occurred
Severity	error

CHASSISD_FRU_IPC_WRITE_ERROR_EXT

System Log Message	CHASSISD_FRU_IPC_WRITE_ERROR_EXT: ipc_msg_write FRU <i>fru-name-string</i> # <i>fru-slot</i> , errno <i>error-number</i> , <i>error-string</i>
Description	The chassis process (chassisd) could not send an IPC message to the indicated FRU, because of the indicated error.
Type	Error: An error occurred
Severity	warning

CHASSISD_FRU_STEP_ERROR

System Log Message	CHASSISD_FRU_STEP_ERROR: <i>fru-name-string</i> <i>fru-slot-number</i> at step <i>step-number</i>
Description	The FRU is in an unknown step during power-on sequence.
Type	Error: An error occurred
Severity	error

CHASSISD_GETTIMEOFDAY

System Log Message	CHASSISD_GETTIMEOFDAY: Unexpected error from gettimeofday: <i>error-number</i> - <i>error-string</i>
Description	The chassis process (chassisd) could not obtain the time of day because of the indicated error.
Type	Error: An error occurred
Severity	warning

CHASSISD_HOST_TEMP_READ

System Log Message	CHASSISD_HOST_TEMP_READ: Error reading host temperature sensor
Description	The chassis process (chassisd) could not read the temperature sensors on the router.
Type	Error: An error occurred
Severity	notice

CHASSISD_IFDEV_DETACH_ALL_PSEUDO

System Log Message	CHASSISD_IFDEV_DETACH_ALL_PSEUDO: ifdev_detach(pseudo devices: all)
Description	The chassis process (chassisd) detached the interface devices (ifdevs) for all pseudodevices.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_IFDEV_DETACH_FPC

System Log Message	CHASSISD_IFDEV_DETACH_FPC: ifdev_detach(<i>fpc-slot-number</i>)
Description	The chassis process (chassisd) detached the interface devices (ifdevs) for all PICs on the indicated FPC.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_IFDEV_DETACH_PIC

System Log Message	CHASSISD_IFDEV_DETACH_PIC: ifdev_detach_pic(<i>fpc-slot-number</i> / <i>pic-slot-number</i>)
Description	The chassis process (chassisd) detached the interface devices (ifdevs) for the PIC in the indicated slot of the indicated FPC.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_IFDEV_DETACH_PSEUDO

System Log Message	CHASSISD_IFDEV_DETACH_PSEUDO: ifdev_detach(pseudo devices: porttype <i>port-type-string</i> , sdev= <i>sdev-number</i> , edev= <i>edev-number</i>)
Description	The chassis process (chassisd) detached the interface devices (ifdevs) for the indicated pseudodevices.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_IFDEV_DETACH_TLV_ERROR

System Log Message	CHASSISD_IFDEV_DETACH_TLV_ERROR: ifdev_detach: rtllib_ifdm_change_tlvs failed for slot <i>fpc-slot-number</i> dev idx <i>device-index-number</i> <i>error-string</i>
Description	The chassis process (chassisd) asked the kernel to remove the indicated interface from the kernel interface table. The request failed.
Type	Error: An error occurred
Severity	error

CHASSISD_IFDEV_GET_BY_INDEX_FAIL

System Log Message	CHASSISD_IFDEV_GET_BY_INDEX_FAIL: <i>function-name-str</i> : rtllib_ifdm_get_by_index failed: <i>error-number</i> - <i>error-string</i>
Description	The chassis process (chassisd) could not obtain information about an interface device.
Type	Error: An error occurred
Severity	error

CHASSISD_IPC_MSG_QFULL_ERROR

System Log Message	CHASSISD_IPC_MSG_QFULL_ERROR: Dropping message from connection queue: type = <i>message-type-number</i> , subtype = <i>message-subtype-number</i>
Description	The chassis process (chassisd) had to discard a message because the queue of messages waiting for a connection was already full.
Type	Event: This message reports an event, not an error
Severity	error

CHASSISD_IPC_UNEXPECTED_RECV

System Log Message	CHASSISD_IPC_UNEXPECTED_RECV: Received unexpected message from <i>connection-id-string</i> : type = <i>message-type-number</i> , subtype = <i>message-subtype-number</i>
Description	The chassis process (chassisd) received an unexpected message from a peer connection.
Type	Error: An error occurred
Severity	error

CHASSISD_IPC_WRITE_ERR_NO_PIPE

System Log Message	CHASSISD_IPC_WRITE_ERR_NO_PIPE: FRU has no connection pipe <i>function-name-string fru-name-string</i>
Description	The chassis process (chassisd) could not send a message to the indicated FRU because an IPC pipe to the FRU no longer existed.
Type	Error: An error occurred
Severity	warning

CHASSISD_IPC_WRITE_ERR_NULL_ARGS

System Log Message	CHASSISD_IPC_WRITE_ERR_NULL_ARGS: FRU has no connection arguments <i>function-name-string fru-name-string</i>
Description	The chassis process (chassisd) could not send a message to the indicated FRU because a required parameter had a null value.
Type	Error: An error occurred
Severity	warning

CHASSISD_MAC_ADDRESS_ERROR

System Log Message CHASSISD_MAC_ADDRESS_ERROR:
chassisd MAC address allocation error

Description The chassis process (chassisd) could not obtain a MAC address for an interface because of an internal error.

Type Error: An error occurred

Severity error

CHASSISD_MAC_DEFAULT

System Log Message CHASSISD_MAC_DEFAULT:
Using default MAC address base

Description The chassis process (chassisd) used the default base MAC address.

Type Event: This message reports an event, not an error

Severity info

CHASSISD_MBUS_ERROR

System Log Message CHASSISD_MBUS_ERROR:
fru-name-string fru-slot-number: management bus failed sanity test

Description Sanity tests on the indicated FRU's management bus failed.

Type Error: An error occurred

Severity error

CHASSISD_PARSE_COMPLETE

System Log Message CHASSISD_PARSE_COMPLETE:
Using new configuration

Description The chassis process (chassisd) successfully parsed its configuration file.

Type Event: This message reports an event, not an error

Severity info

CHASSISD_PARSE_ERROR

System Log Message	CHASSISD_PARSE_ERROR: <i>filename-string</i> : <i>number-of-errors-number</i> parse errors
Description	The chassis process (chassisd) could not parse the indicated configuration file because of errors.
Type	Error: An error occurred
Severity	error

CHASSISD_PARSE_INIT

System Log Message	CHASSISD_PARSE_INIT: Parsing configuration file ' <i>filename-string</i> '
Description	The chassis process (chassisd) began to parse the indicated configuration file.
Type	Event: This message reports an event, not an error
Severity	info

CHASSISD_PIDFILE_OPEN

System Log Message	CHASSISD_PIDFILE_OPEN: Unable to open PID file ' <i>pid-filename</i> ': <i>errno error-number</i>
Description	The chassis process (chassisd) could not open the file where it stores its process ID (PID).
Type	Error: An error occurred
Severity	error
Cause	The chassisd process might have detected that another chassisd process was running and tried to read the file so that it could use the PID recorded there when terminating the other process.

CHASSISD_PIPE_WRITE_ERROR

System Log Message	CHASSISD_PIPE_WRITE_ERROR: Pipe error: <i>error-string</i>
Description	The chassis process (chassisd) experienced a fatal error while writing to a pipe.
Type	Error: An error occurred
Severity	error
Cause	There was no reader for the pipe.

CHASSISD_POWER_CHECK

System Log Message	CHASSISD_POWER_CHECK: <i>fru-name-string fru-slot-number</i> not powering up
Description	The chassis process (chassisd) could not power up the indicated FRU, because the FRU did not respond.
Type	Error: An error occurred
Severity	error

CHASSISD_RECONNECT_SUCCESSFUL

System Log Message	CHASSISD_RECONNECT_SUCCESSFUL: Successfully reconnected on soft restart
Description	The chassis process (chassisd) successfully reconnected with each Packet Forwarding Engine after a soft restart.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_RELEASE_MASTERSHIP

System Log Message	CHASSISD_RELEASE_MASTERSHIP: Release mastership notification
Description	The chassis process (chassisd) received a request to release mastership on the current Routing Engine.
Type	Event: This message reports an event, not an error
Severity	info

CHASSISD_RE_INIT_INVALID_RE_SLOT

System Log Message	CHASSISD_RE_INIT_INVALID_RE_SLOT: <i>re_init: re re-slot-number</i> , out of range
Description	The chassis process (chassisd) could not initialize a Routing Engine because the slot number specified for it was invalid.
Type	Error: An error occurred
Severity	error

CHASSISD_ROOT_MOUNT_ERROR

System Log Message	CHASSISD_ROOT_MOUNT_ERROR: Unable to determine the mount point for root directory: <i>error-string</i>
Description	The chassis process (chassisd) could not determine the mount point for the root file system.
Type	Error: An error occurred
Severity	error

CHASSISD_RTS_SEQ_ERROR

System Log Message	CHASSISD_RTS_SEQ_ERROR: ifmsg sequence gap <i>expected-sequence-number</i> - - <i>received-sequence-number</i>
Description	The chassis process (chassisd) received a routing socket message out of order.
Type	Event: This message reports an event, not an error
Severity	warning
Cause	A routing socket message was lost because of excessive load or lack of memory.

CHASSISD_SERIAL_ID

System Log Message	CHASSISD_SERIAL_ID: Serial ID read error: <i>error-number</i> - - <i>error-string</i>
Description	The chassis process (chassisd) could not obtain the Routing Engines's serial ID number from the kernel because of the indicated error.
Type	Error: An error occurred
Severity	warning

CHASSISD_SMB_ERROR

System Log Message	CHASSISD_SMB_ERROR: smb_read: fpga download not complete: val <i>download-status-number</i> , <i>chassisd-action-string</i>
Description	The chassis process (chassisd) received an SMB download status message that did not indicate success.
Type	Error: An error occurred
Severity	error

CHASSISD_TERM_SIGNAL

System Log Message	CHASSISD_TERM_SIGNAL: Got SIGTERM request, shutting down
Description	The chassis process (chassisd) received the SIGTERM signal, indicating that it should terminate. It will exit after cleanup, but might restart automatically.
Type	Event: This message reports an event, not an error
Severity	info

CHASSISD_TRACE_PIC_OFFLINE

System Log Message	CHASSISD_TRACE_PIC_OFFLINE: Taking PIC offline - - FPC slot <i>fpc-slot-number</i> , PIC slot <i>pic-slot-number</i> reason <i>reason-string</i>
Description	The chassis process (chassisd) took the indicated PIC offline for the indicated reason.
Type	Event: This message reports an event, not an error
Severity	notice

CHASSISD_UNEXPECTED_EXIT

System Log Message	CHASSISD_UNEXPECTED_EXIT: evMainLoop returned <i>return-code-number</i> : <i>error-number</i>
Description	The main loop of the chassis process (chassisd) exited unexpectedly.
Type	Error: An error occurred
Severity	error
Cause	An error in the main loop might have occurred.

CHASSISD_UNSUPPORTED_MODEL

System Log Message	CHASSISD_UNSUPPORTED_MODEL: Model <i>model-number</i> unsupported with this version of chassisd
Description	The chassis process (chassisd) does not support the model of chassis on which it is running.
Type	Error: An error occurred
Severity	warning
Action	Contact your technical support representative.